

FIG. 1

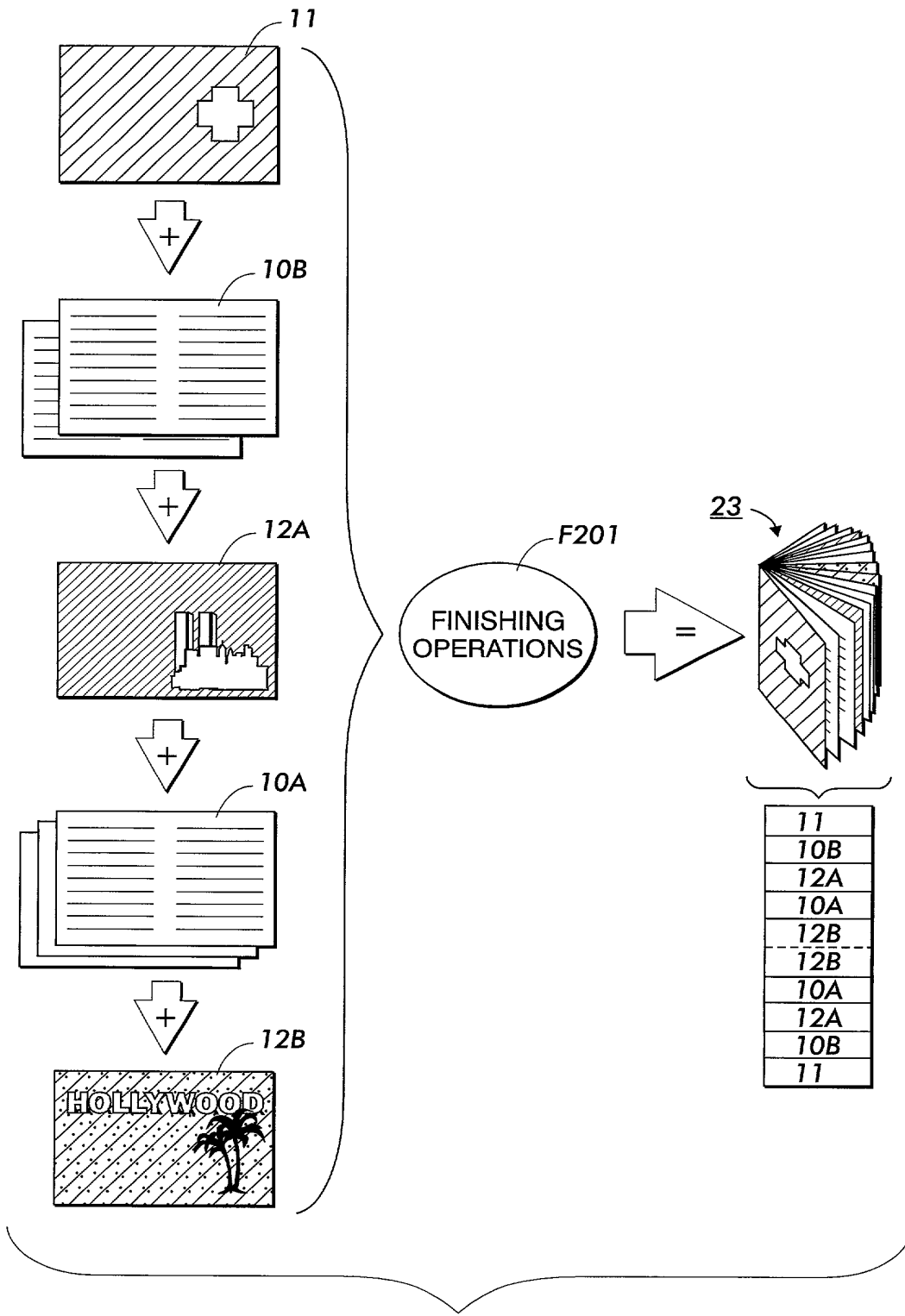


FIG. 2

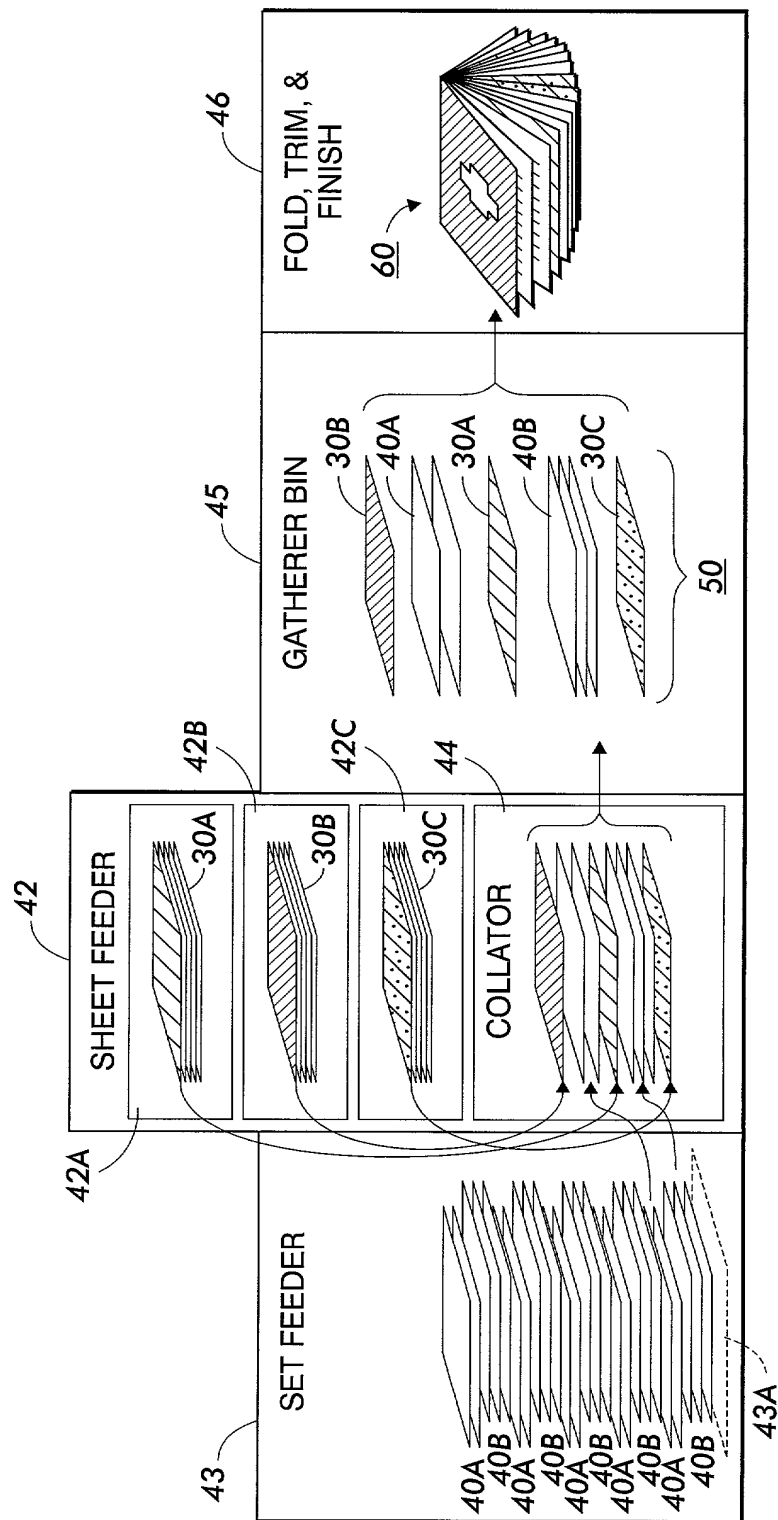


FIG. 3

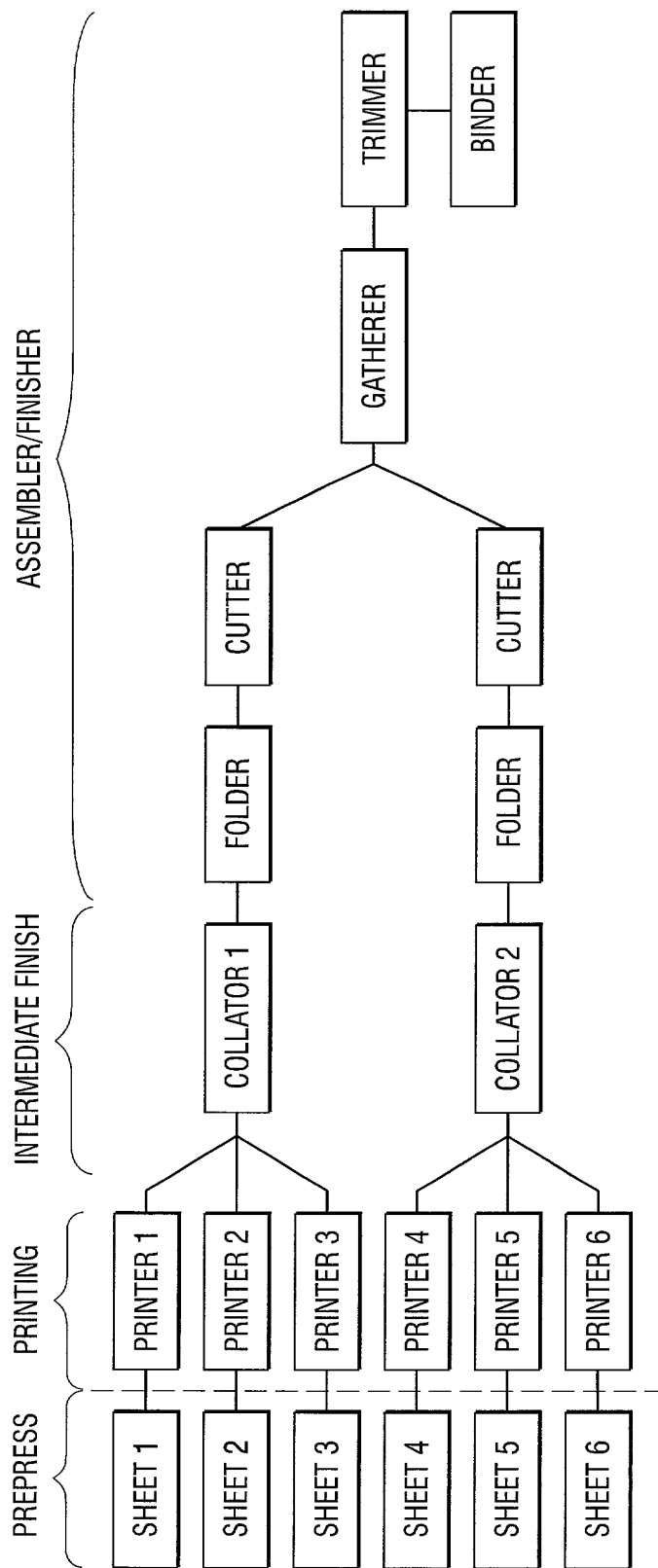


FIG. 4

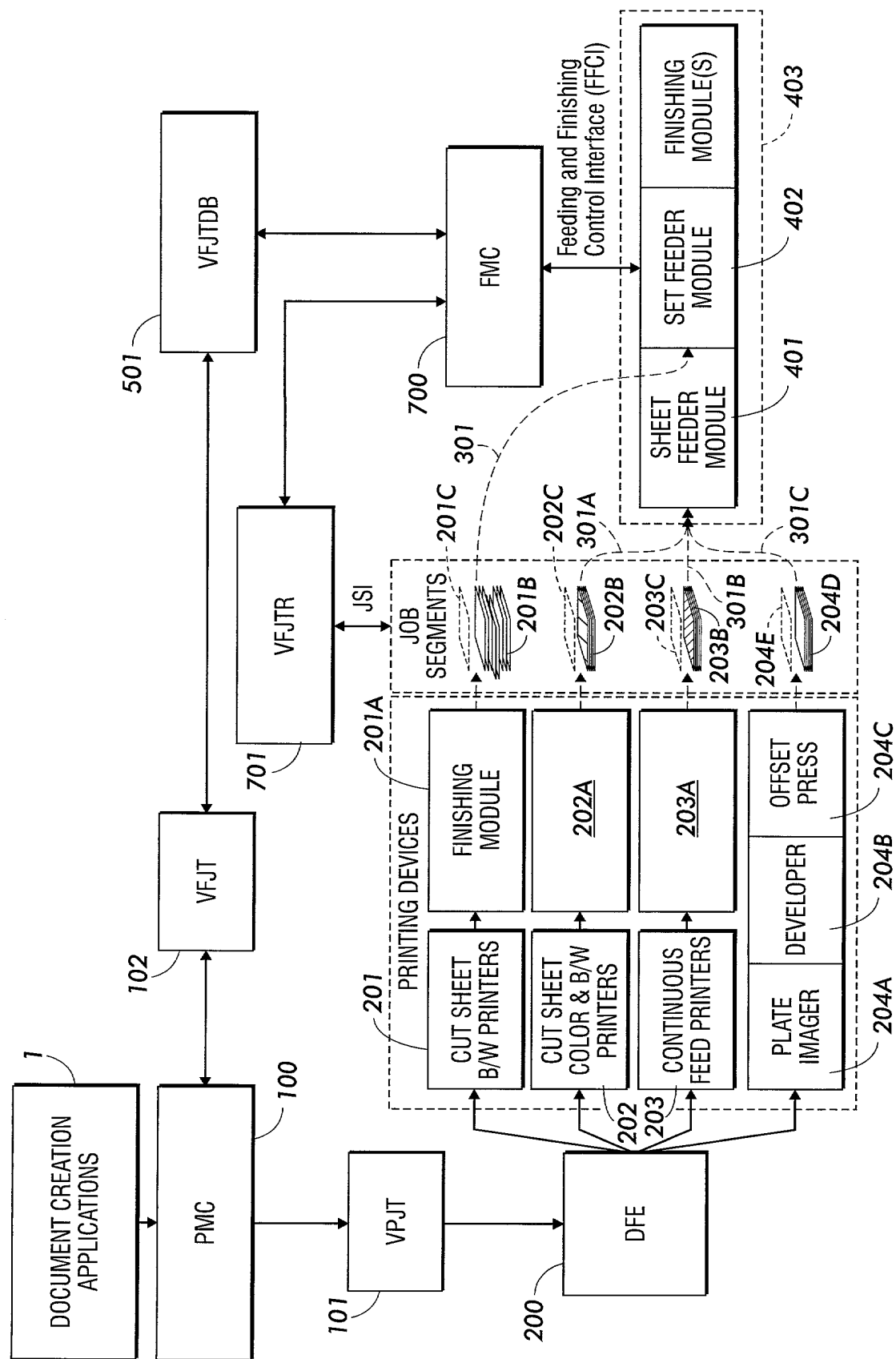


FIG. 5

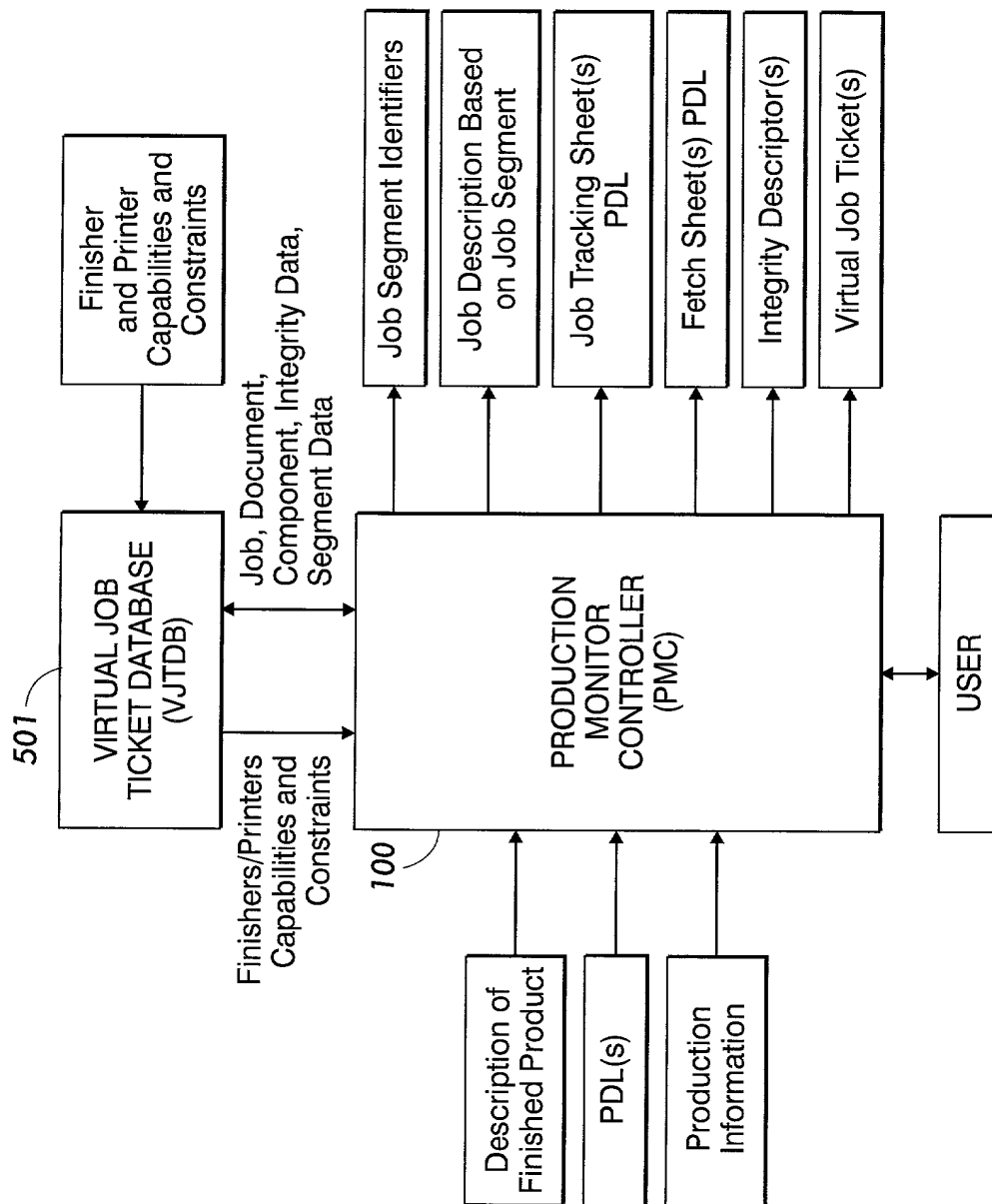
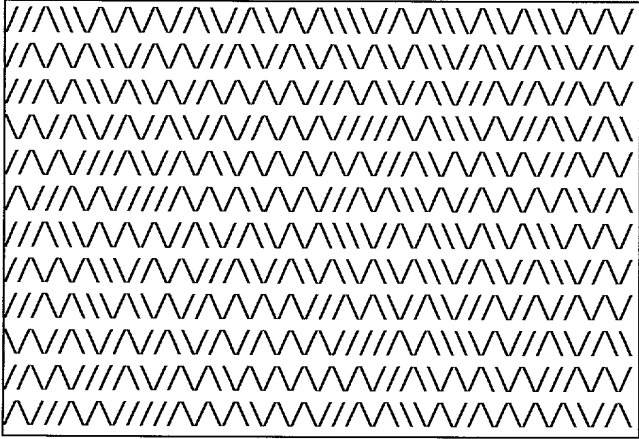


FIG. 6


JOB SEGMENT IDENTIFIER (JSI)

Job Number:	6543210
Job Segment Identifier Code:	112233
Job Name:	Example
Sub-components:	1
Sub-component 1 Name:	Cover
Finishing Operations:	3
Finishing Operation 1:	Set Feeder
Finishing Operation 2:	SBM
Finishing Operation 3:	Fold and Trim
Job Quantity:	30
Job Sheets:	20
Finished Size:	8.5 x 5.25 inches

601



602



603

FIG. 7

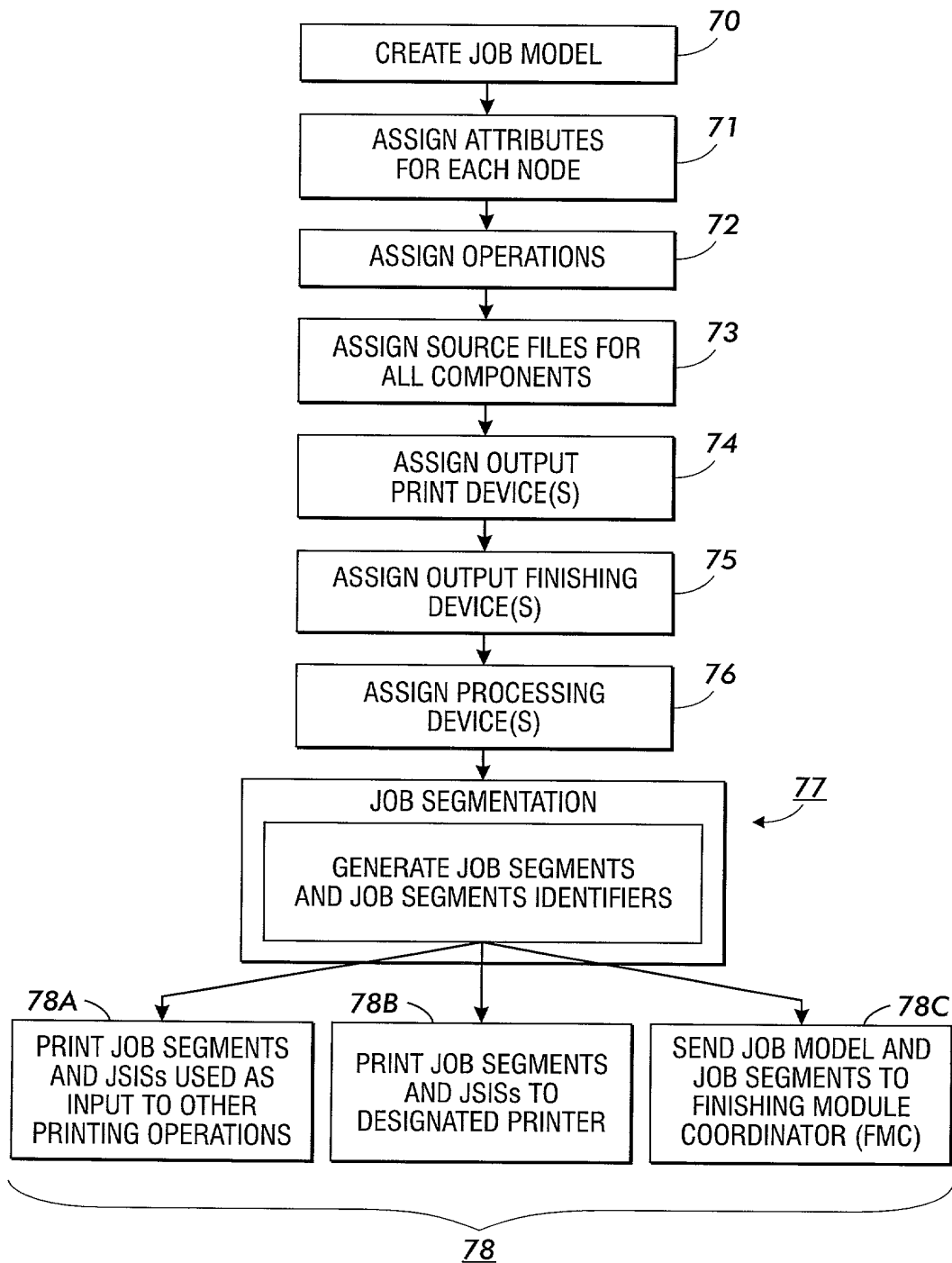


FIG. 8

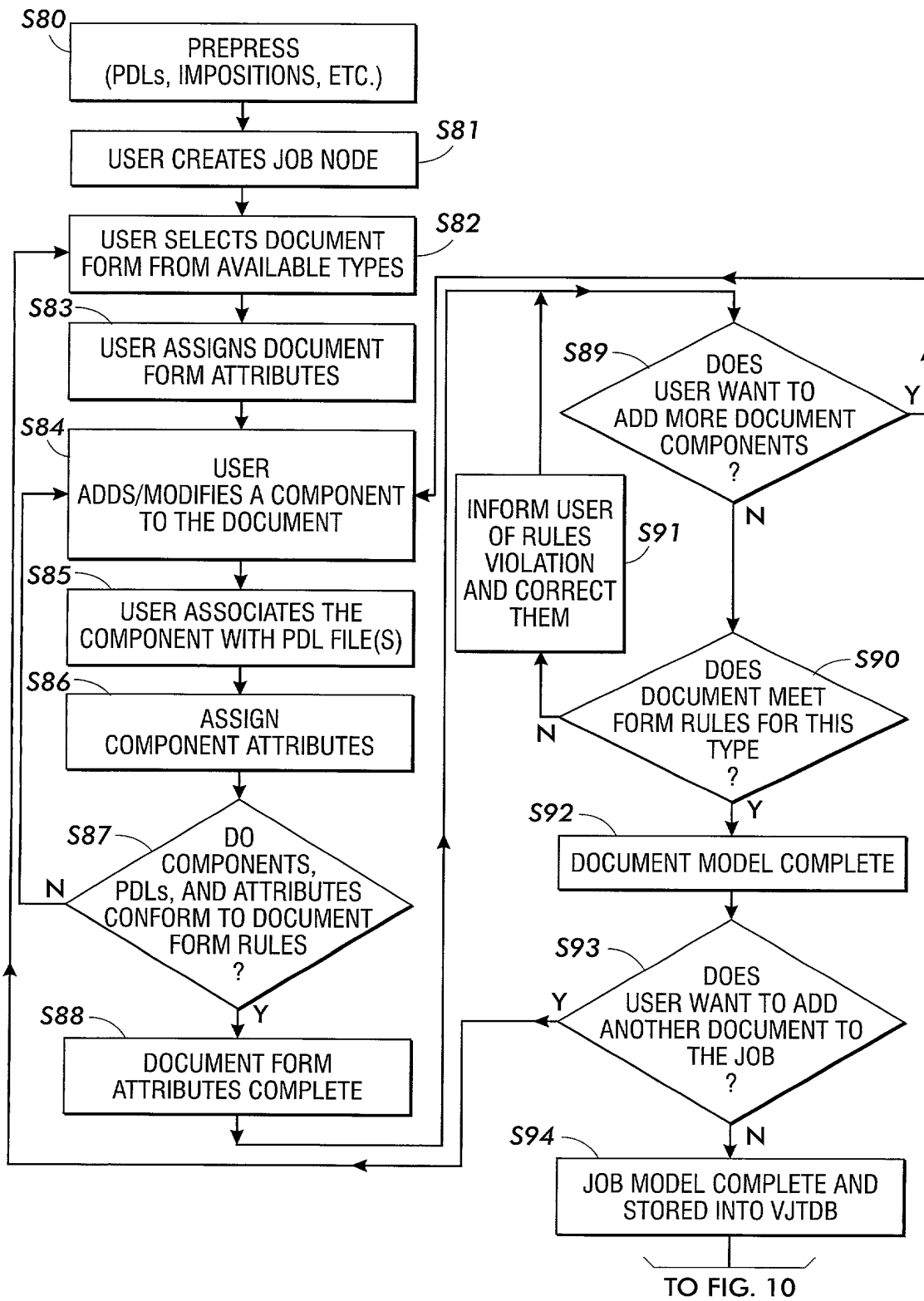
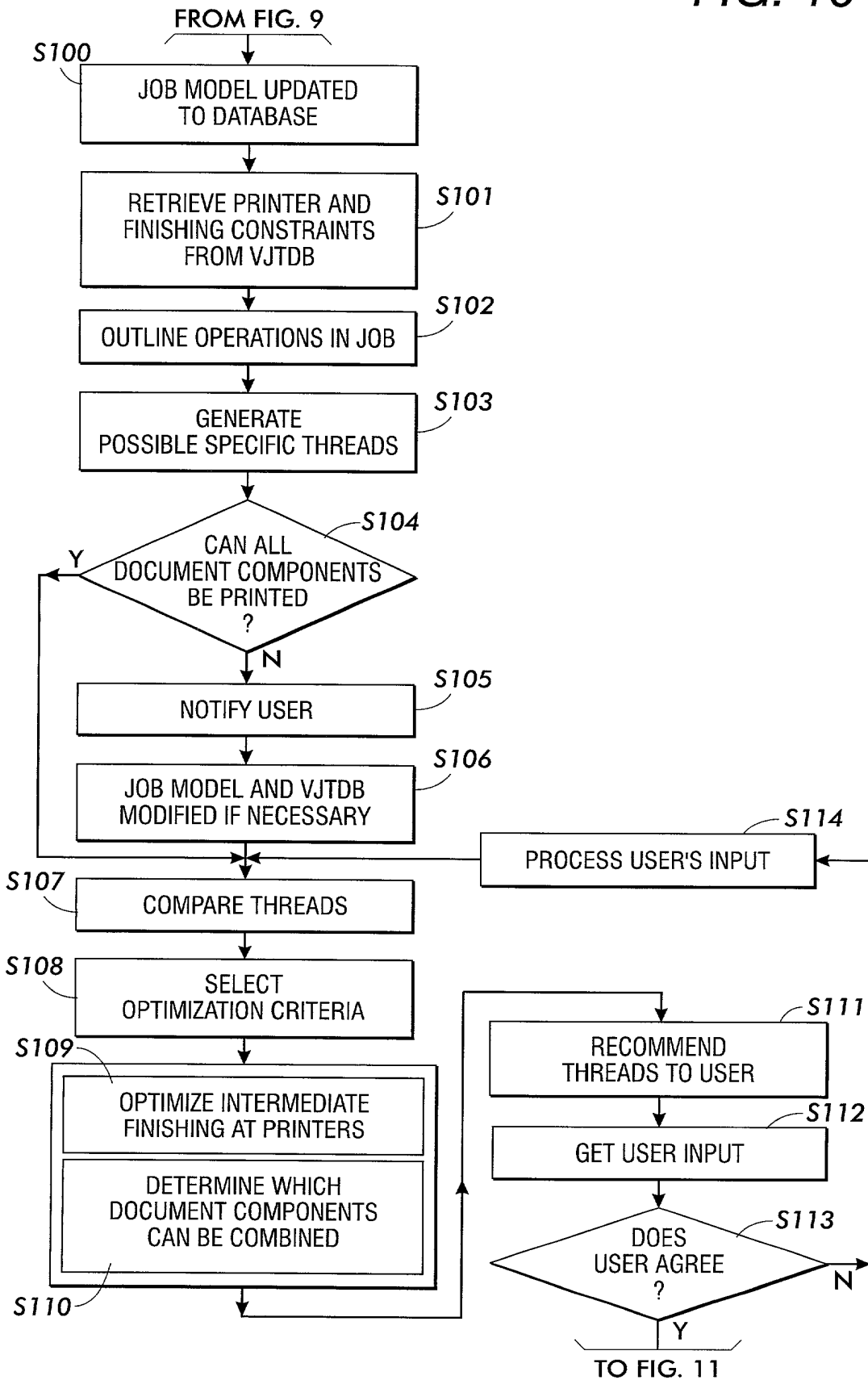


FIG. 9

FIG. 10



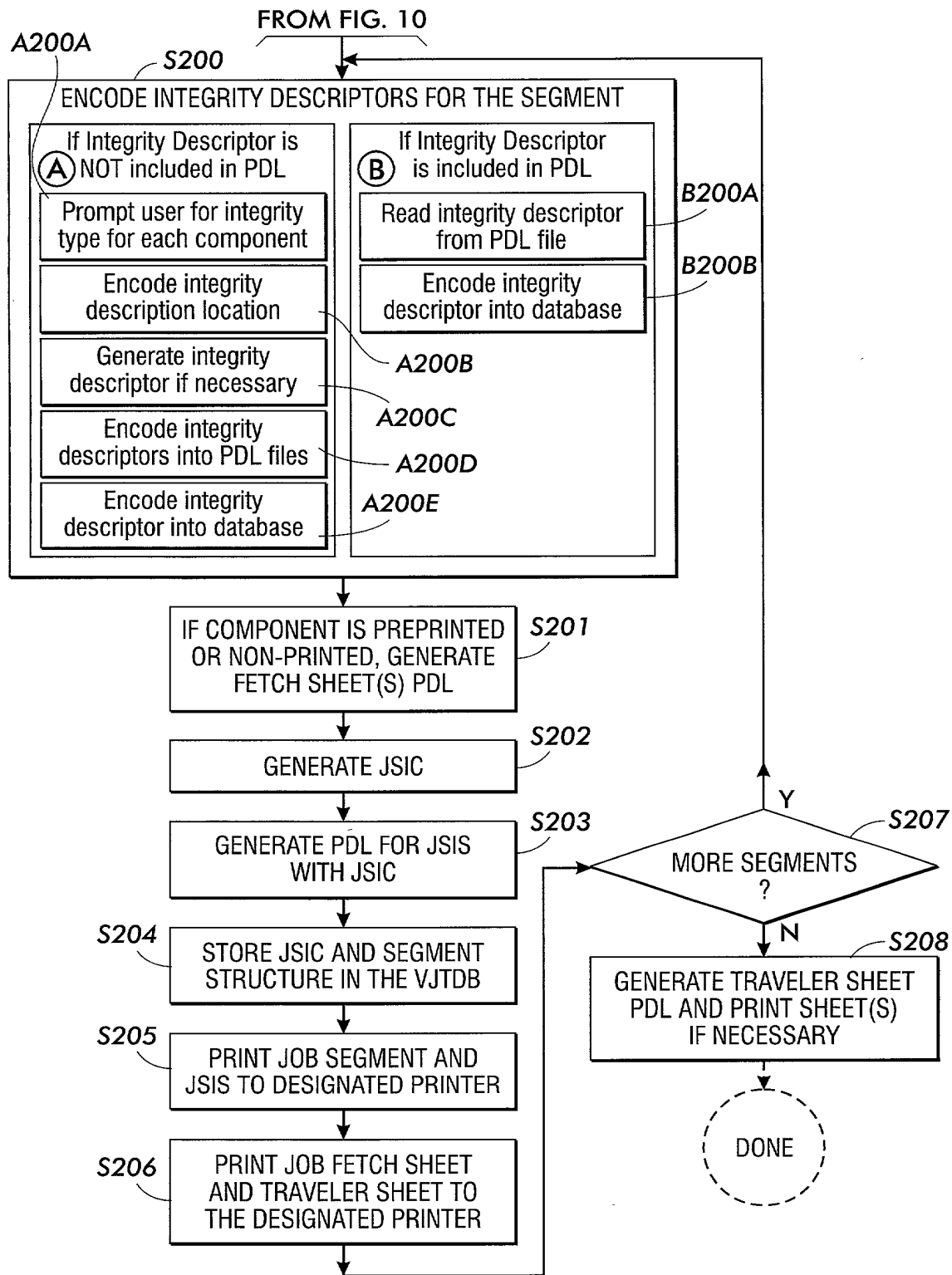


FIG. 11

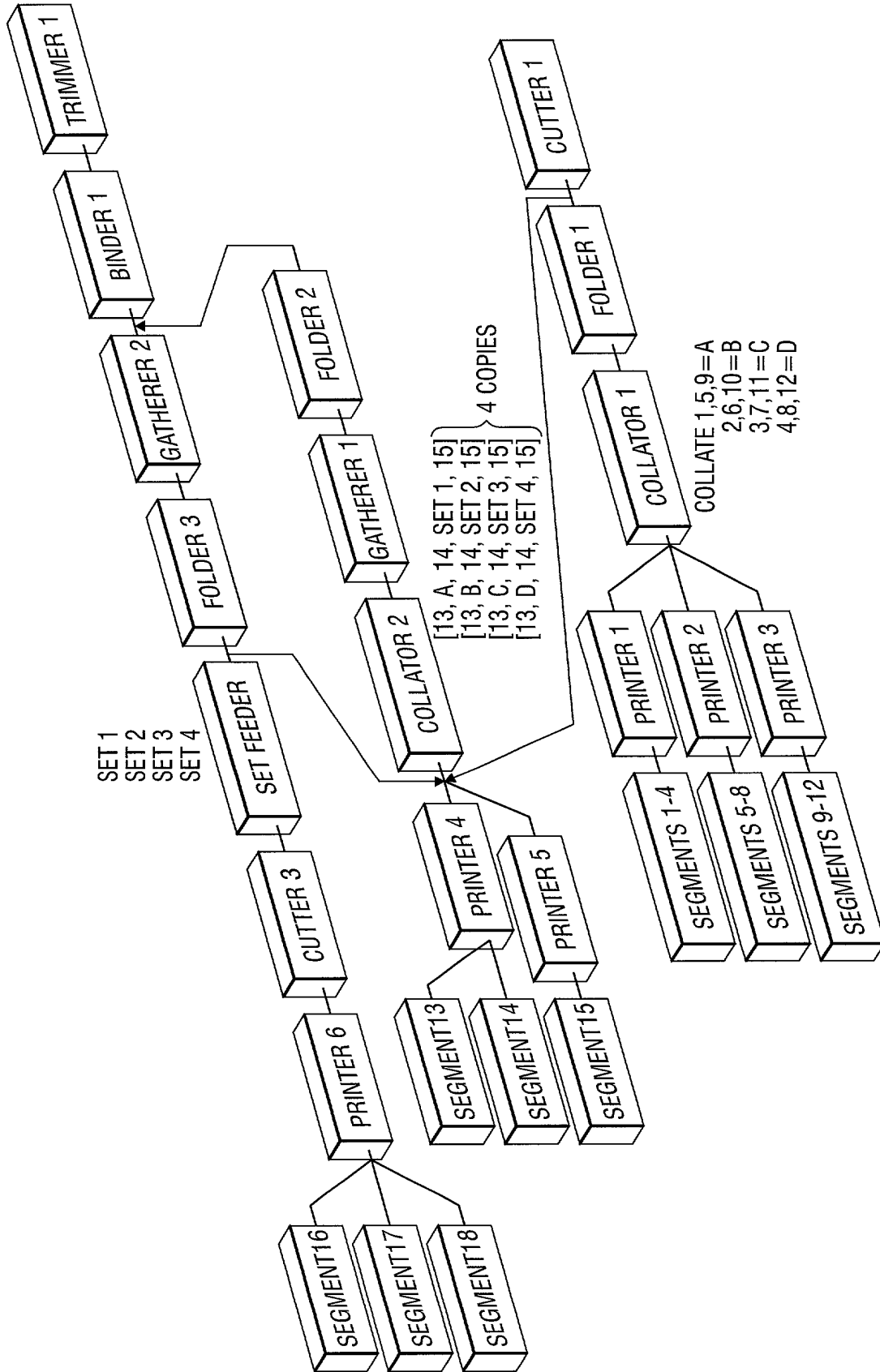


FIG. 12

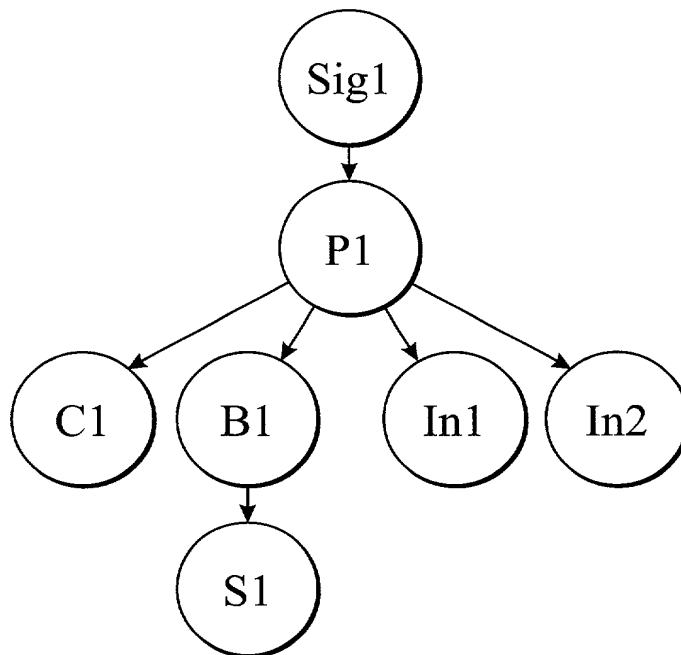
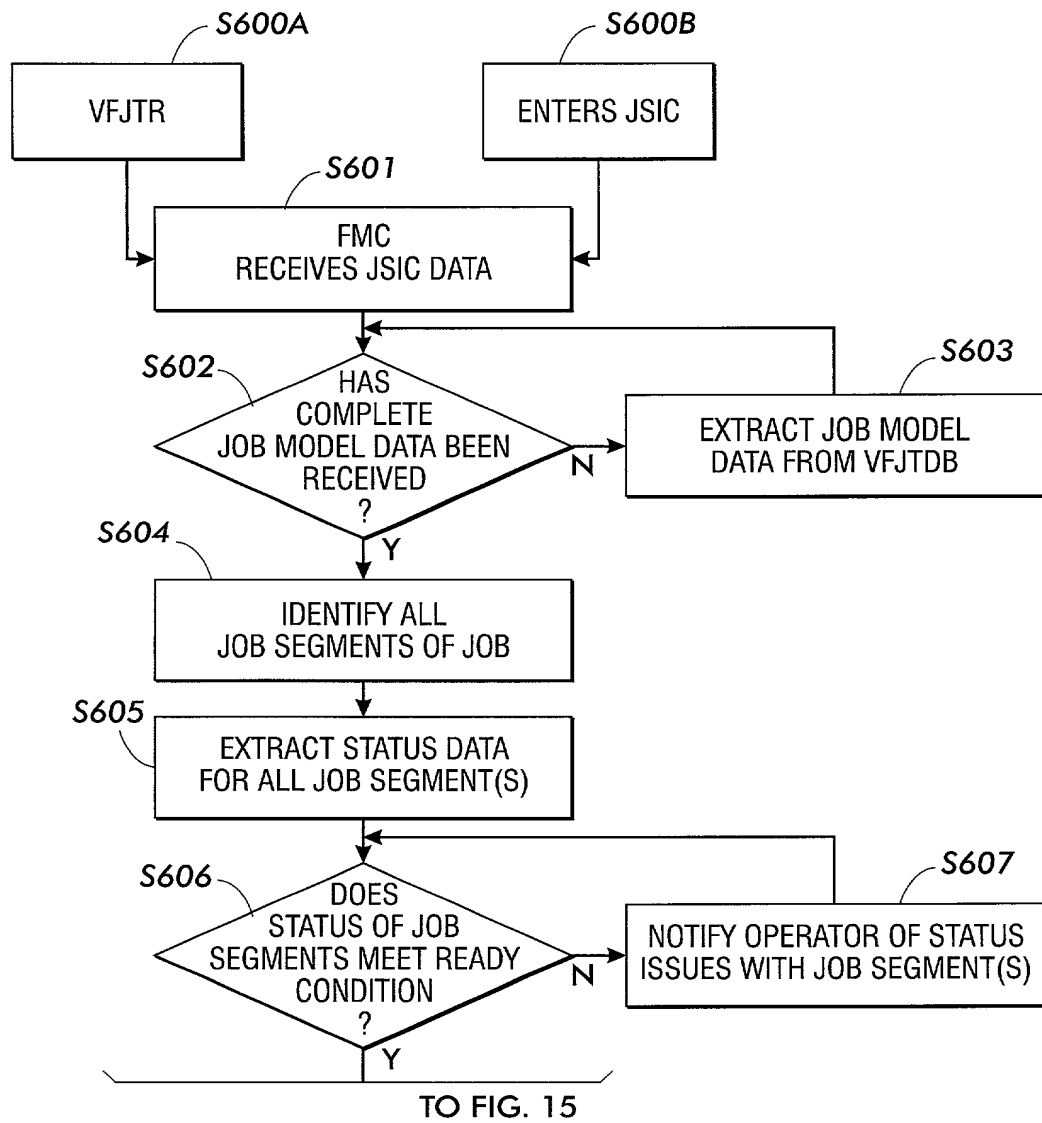
*FIG. 13*

FIG. 14



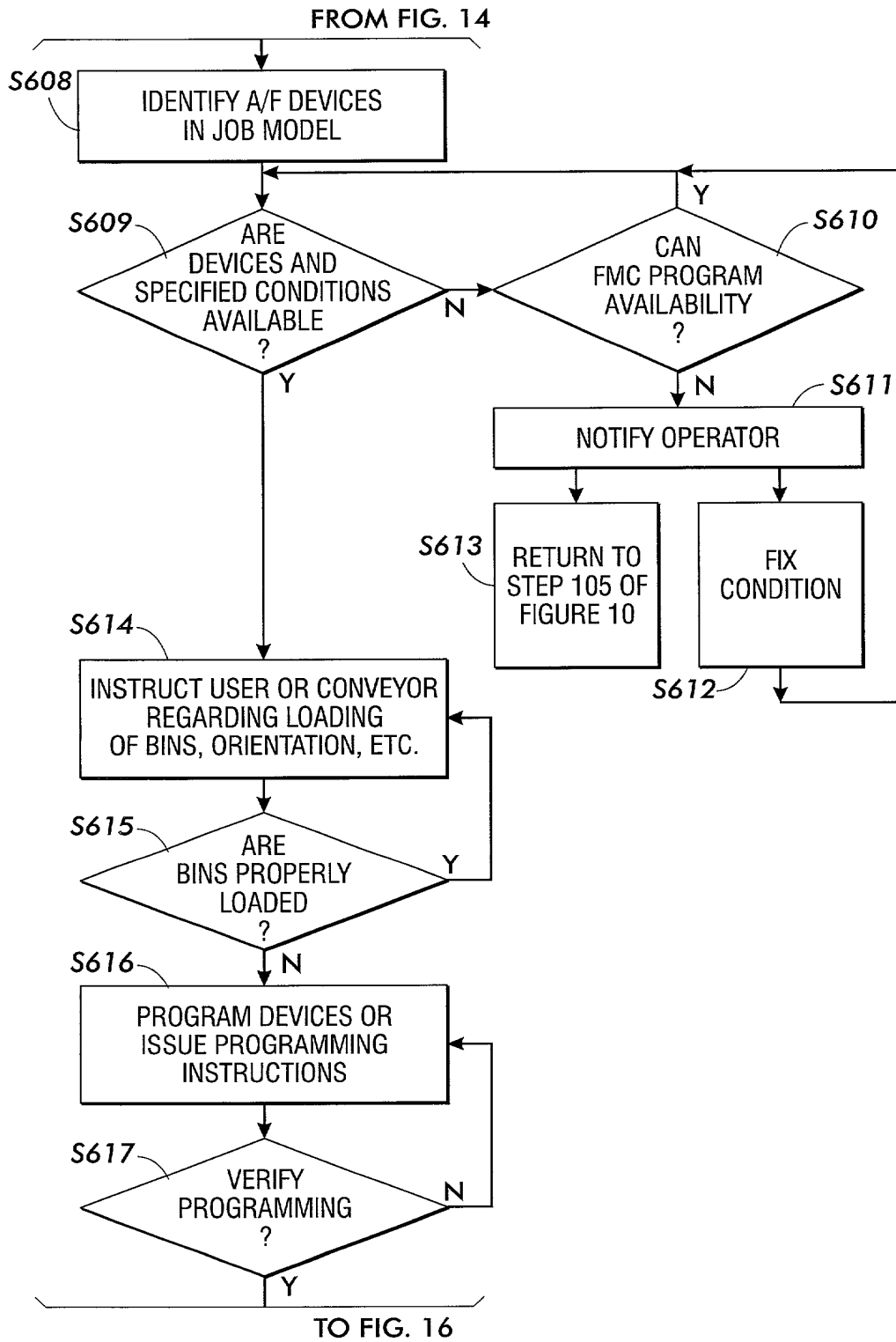


FIG. 15

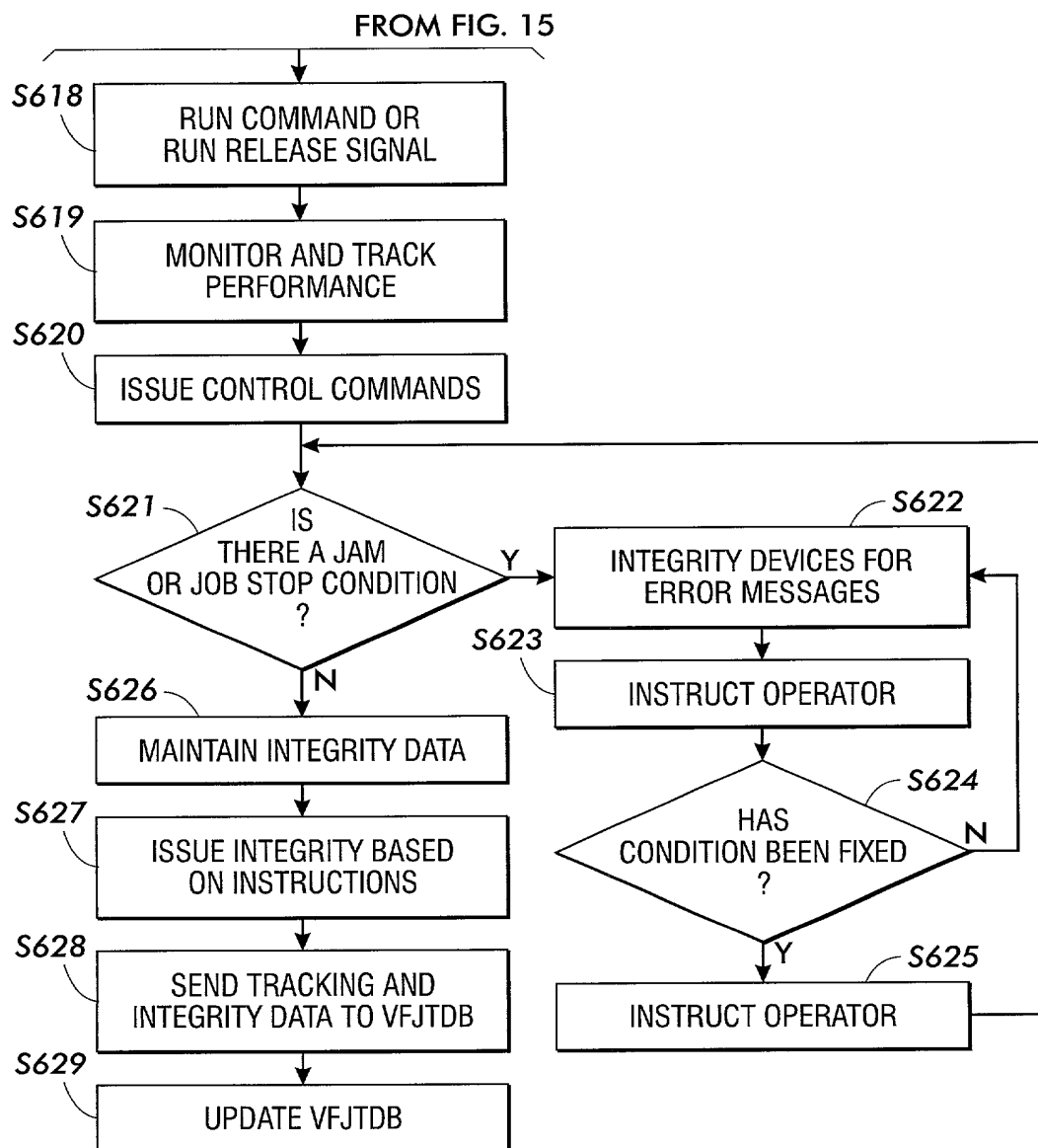


FIG. 16

User Interface

Main Form

SELECT DATABASE JOB DETAILS EXIT ◀ ▶

Opened DataBase
C:\source\db1.mdb

Job Status List
SIG1 Printing Bicycles 2000 Catalog ▼

View Job Report

REMOVE ITEM ADD ITEM ◀ ▶ Component Input

Component ID	Job ID
<input type="checkbox"/> 1234567890	SIG1

◀ ▶

View Component Reports

Close All Reports

Segment Notification ☐

FIG. 17

User Interface

Main Form

SELECT DATABASE

JOB DETAILS

EXIT

Opened DataBase

C:\source\db1.mdb

Job Status List

SIG1 Printing Bicycles 2000 Catalog

View Job Report

REMOVE ITEM

ADD ITEM

Component Input

Component ID

1234567890

Job ID

SIG1

Segment Notification

☐

View Component Reports

Close All Reports

SIG1

Job Assembly View

SIG1 Bicycles 2000 Catalog

P1 Signature Book Bicycles 2000

C1 Cover for Bicycles Year 2000 Catalog

B1 Stack of collated sets, Alternating Body1 and Body

S1 Body 1 Barcoded Set

In2 Insert for Bicycles Year 2000 Catalog

B1 Stack of collated sets, Alternating Body1 and Body

S1 Body 1 Barcoded Set

In1 Insert for Bicycles Year 2000 Catalog

Attributes

HEAVY

Bin

Selection

BIN1

Detailed Component View

BIN	Identifier	Seq.	Status	Quantity
BIN1	1234567890		RECEIVED	20
BIN1	123456789A		PRINTING	30
BIN1	123456789B		PRINTING	50

Run Job

Status

RECEIVED

PRINTING

RECEIVED

PROCESSED

FIG. 18

User Interface													
<p>Main Form</p> <p>SELECT DATABASE JOB DETAILS EXIT</p> <hr/> <p>Opened DataBase C:\source\db1.mdb</p> <p>Job Status List SIG1 Printing Bicycles 2000 Catalog</p> <p style="text-align: center;">View Job Report</p> <p>REMOVE ITEM ADD ITEM Component Input</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 40%;">Component ID</th> <th style="width: 60%;">Job ID</th> </tr> <tr> <td><input checked="" type="checkbox"/> 1234567890</td> <td>SIG1</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	Component ID	Job ID	<input checked="" type="checkbox"/> 1234567890	SIG1									<div style="float: right; text-align: right;">Segment Notification <input type="checkbox"/></div> <div style="clear: both;"></div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Run Component Reports</p> <p>Close All Reports</p> </div>
Component ID	Job ID												
<input checked="" type="checkbox"/> 1234567890	SIG1												

Job Assembly View																					
<p>SIG1</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> SIG1 Bicycles 2000 Catalog <ul style="list-style-type: none"> <input checked="" type="checkbox"/> P1 Signature Book Bicycles 2000 <ul style="list-style-type: none"> <input checked="" type="checkbox"/> C1 Cover for Bicycles Year 2000 Catalog <input type="checkbox"/> B1 Stack of collated sets, Alternating Body1 and Bod <input type="checkbox"/> S1 Body 1 Barcoded Set <ul style="list-style-type: none"> <input type="checkbox"/> In2 Insert for Bicycles Year 200 Catalog <input type="checkbox"/> B1 Stack of collated sets, Alternating Body1 and Bod <input type="checkbox"/> S1 Body 1 Barcoded Set <ul style="list-style-type: none"> <input type="checkbox"/> In1 Insert for Bicycles Year 200 Catalog 	<p>Attributes HEAVY Bin Selection BIN1</p> <p>Detailed Component View</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>BIN</th> <th>Identifier</th> <th>Seq.</th> <th>Status</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/> BIN...</td> <td>1234567890</td> <td>1</td> <td>RECEIVED</td> <td>20</td> </tr> <tr> <td><input type="checkbox"/> BIN...</td> <td>123456789A</td> <td>2</td> <td>PRINTING</td> <td>30</td> </tr> <tr> <td><input type="checkbox"/> BIN...</td> <td>123456789B</td> <td>3</td> <td>PRINTING</td> <td>50</td> </tr> </tbody> </table> <p style="text-align: center;">Run Job</p>	BIN	Identifier	Seq.	Status	Quantity	<input checked="" type="checkbox"/> BIN...	1234567890	1	RECEIVED	20	<input type="checkbox"/> BIN...	123456789A	2	PRINTING	30	<input type="checkbox"/> BIN...	123456789B	3	PRINTING	50
BIN	Identifier	Seq.	Status	Quantity																	
<input checked="" type="checkbox"/> BIN...	1234567890	1	RECEIVED	20																	
<input type="checkbox"/> BIN...	123456789A	2	PRINTING	30																	
<input type="checkbox"/> BIN...	123456789B	3	PRINTING	50																	

FIG. 19

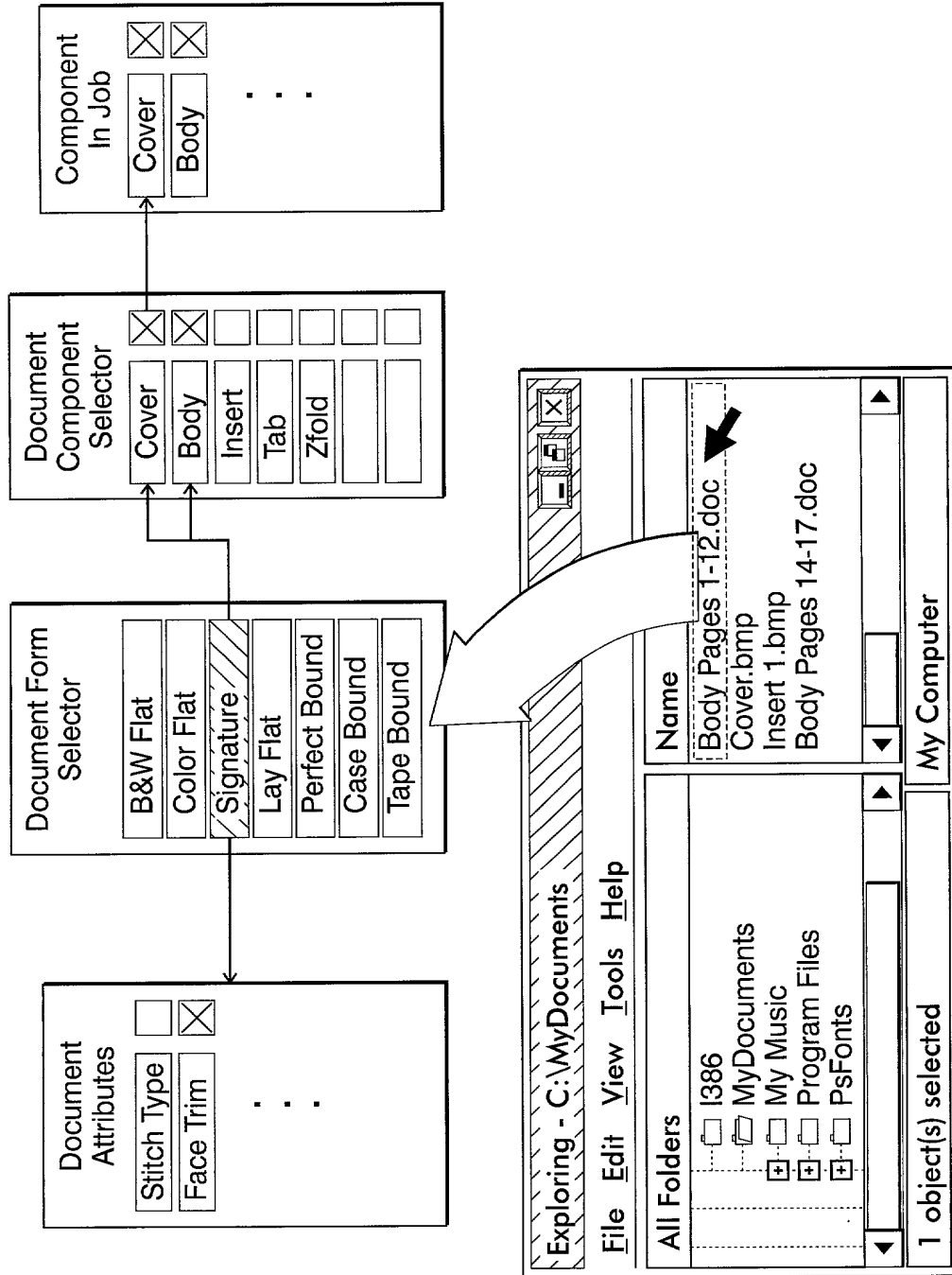


FIG. 20